
CDF Operations Report



Tom Wright
University of Michigan



CDF Weekly Meeting
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Store Summary (August 24-31)

Store	Start Date	Duration (hours)	Initial Lum (E30)	Delivered Lum (pb ⁻¹)	Live Lum (pb ⁻¹)	Good w/Si (pb ⁻¹)	Comments
4925	8/25 Fri	27.0	155.4	5.69	4.94 87%	4.79 84%	trigger table tests
4927	8/26 Sat	28.0	178.8	6.55	5.63 86%	5.63 86%	CMP trips
4928	8/27 Sun	26.7	203.4 !!!!	6.99	5.95 85%	5.94 85%	40% deadtime to start more trigger and EVB tests
4929	8/29 Tue	19.8	125.6	4.00	3.22 81%	3.15 79%	bad proton ϵ , bopcalo2 trip, EVB, SLAM tests
4930	8/30 Wed	25.6	163.6	5.68	4.88 86%	4.72 83%	several DAQ hiccups ISL cooling, SLAM tests
4932	8/31 Thu		220.5 !!!!!!				stash = 345E10
Total		127.1		28.9	24.6 85%	24.2 84%	
Previous		127.0		29.3	24.5 84%	22.9 78%	

CDF Operations

- Accesses
 - Sat 8/26: controlled access
 - Isolate CMX miniskirt trips – now can be marked good
 - Thu 8/31: controlled access
 - Further pin down CMX trips – two chambers disabled
 - Check bopcalo2 power supply – has been tripping
 - Ethernet communication box was blocking fan exhaust
 - Accidentally dislodged a connector from DIN rail
 - West plug tripped, took solenoid with it (slow dump)
 - After reconnecting everything came back okay
 - Silicon group swapped FIB to fix readout problem (SVT hole)
 - Found and repaired the ISL cooling leak on east side
- Other activities
 - Trigger table tests – muon phi-gap trigger needs work
 - XFT stereo upgrade SLAM firmware tests
 - EVB rebalancing and readout code work for bol2puo2 (L2 stereo)
 - Debugging of COT calibration “memory exhausted” errors

